

## **RIGIDIZED CERAMIC FIBER BATTING BOARD AND METHOD OF PRODUCING SAME**

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### **ABSTRACT OF THE DISCLOSURE**

A rigidized ceramic fiber batting board and a method of forming the rigidized ceramic fiber batting board having uniform density and composition through the thickness of the board by applying a water-based organic binder having reverse  
10 thermal gelation properties, such as methylcellulose and methylcellulose derivatives, to the ceramic fibers, gelling the binder solution, and drying the binder to form the rigid batting.